

12-04-00

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03-13-01

OIPE

#2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/729,674

DATE: 03/13/2001
TIME: 16:09:09

Input Set : N:\paola\09729674.txt
Output Set: N:\CRF3\03132001\I729674.raw

PS

ENTERED

3 <110> APPLICANT: Jacobs, Kenneth
4 McCoy, John M.
5 LaVallie, Edward R.
6 Collins-Racie, Lisa A.
7 Evans, Cheryl
8 Merberg, David
9 Treacy, Maurice
10 Agostino, Michael J.
11 Steininger II, Robert J.
12 Spaulding, Vikki
13 Wong, Gordon G.
14 Clark, Hilary
15 Fechtel, Kim
16 Genetics Institute, Inc.
18 <120> TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
20 <130> FILE REFERENCE: 6055-64X
22 <140> CURRENT APPLICATION NUMBER: 09/729,674
23 <141> CURRENT FILING DATE: 2000-12-04
25 <150> PRIOR APPLICATION NUMBER: 09/539,330
26 <151> PRIOR FILING DATE: 2000-03-30
29 <160> NUMBER OF SEQ ID NOS: 283
31 <170> SOFTWARE: PatentIn Ver. 2.0
33 <210> SEQ ID NO: 1
34 <211> LENGTH: 3871
35 <212> TYPE: DNA
36 <213> ORGANISM: Homo sapiens
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106 <211> LENGTH: 401
107 <212> TYPE: PRT
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Input Set : N:\paola\09729674.txt

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111 <221> NAME/KEY: UNSURE

112 <222> LOCATION: (64)

114 <400> SEQUENCE: 2

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119           20           25           30
121 Phe Arg Ser Phe Pro Arg Asp Glu Leu Met Pro Leu Glu Ser Ala Tyr
122           35           40           45
W--> 124 Arg His Ala Leu Asp Lys Tyr Ser Gly Glu His Trp Ala Glu Ser Xaa
125           50           55           60
127 Gly Tyr Leu Glu Ile Ser Leu Arg Leu His Arg Leu Leu Arg Asp Ser
128   65           70           75           80
130 Glu Ala Phe Cys His Arg Asn Cys Ser Ala Ala Pro Gln Pro Glu Pro
131           85           90           95
133 Ala Ala Gly Leu Ala Ser Tyr Pro Glu Leu Arg Leu Phe Gly Gly Leu
134           100          105          110
136 Leu Arg Arg Ala His Cys Leu Lys Arg Cys Lys Gln Gly Leu Pro Ala
137           115          120          125
139 Phe Arg Gln Ser Gln Pro Ser Arg Glu Val Leu Ala Asp Phe Gln Arg
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143 145           150          155          160
145 Leu Pro Lys Ala Ile Ala Ala Ala His Thr Phe Leu Leu Lys His Pro
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148 Asp Asp Glu Met Met Lys Arg Asn Met Ala Tyr Tyr Lys Ser Leu Pro
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151 Gly Ala Glu Asp Tyr Ile Lys Asp Leu Glu Thr Lys Ser Tyr Glu Ser
152           195          200          205
154 Leu Phe Ile Arg Ala Val Arg Ala Tyr Asn Gly Glu Asn Trp Arg Thr
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157 Ser Ile Thr Asp Met Glu Leu Ala Leu Pro Asp Phe Phe Lys Ala Phe
158 225           230          235          240
160 Tyr Glu Cys Leu Ala Ala Cys Glu Gly Ser Arg Glu Ile Lys Asp Phe
161           245          250          255
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169 Pro Val Glu Lys Phe Val Ala Thr Met Tyr His Tyr Leu Gln Phe Ala
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173 305           310          315          320
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176           325          330          335
178 Tyr Tyr Gln Tyr His Arg Asp Thr Trp Gly Leu Ser Asp Glu His Phe
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184 Lys Glu Leu Tyr Asp Phe Ala Lys Glu Asn Ile Met Asp Asp Asp Glu
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188 385          390          395          400
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207 aaaaatttcc tgatatcctt gtttttaact gttgtggctt gctgaatcaa agccgctgaa 240
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234 agttggaaaa ttcatggcca aacttgctga acatatgttc ccaaagagcc aggaataaca 1860
235 ccttgatttt gtaatttaga agcaacacac attgtaaact attcattttc tccaccttgt 1920
236 ttatatggtg aaggaaatcct ttcagctgcc agtttttgat aatgaatatc atattgtatc 1980
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279 35 40 45
281 Ala Gly Asp Cys Ser Gly Ala Arg Tyr Asn Asp Trp Ser Asp Asp Asp
282 50 55 60
284 Asp Asp Ser Asn Glu Ser Lys Ser Ile Val Trp Tyr Pro Pro Trp Ala
285 65 70 75 80
287 Arg Ile Gly Thr Glu Ala Gly Thr Arg Thr Arg Ala Arg Ala Arg Ala
288 85 90 95
290 Arg Ala Thr Arg Ala Arg Leu Ala Val Gln Lys Arg Ala Ser Pro Asn
291 100 105 110
293 Ser Asp Asp Thr Val Leu Ser Pro Gln Glu Leu Gln Lys Val Leu Cys
294 115 120 125
296 Leu Val Glu Met Ser Glu Lys Pro Tyr Ile Leu Glu Ala Ala Leu Ile
297 130 135 140

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FI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
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Input Set : N:\paola\09729674.txt
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L:124 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2
L:230 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:230 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3
L:716 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:14
L:716 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:14
L:752 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:14
M:340 Repeated in SeqNo=14
L:755 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:14
L:761 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:14
L:1111 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:23
L:1111 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:23
L:2443 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:57
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L:2517 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:60
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L:4340 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:104
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L:4698 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:113
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Output Set: N:\CRF3\03132001\I729674.raw

L:4796 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:115
L:5069 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:124
L:5069 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:124
L:5141 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:126
L:5141 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:126
L:5379 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:130
L:5379 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:130
L:5436 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:130
M:340 Repeated in SeqNo=130
L:5833 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:139
L:5833 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:139
L:5952 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:140
L:5952 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:140
L:6278 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:146
L:6278 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:146
L:6681 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:155
L:6681 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:155
L:6703 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:155
M:340 Repeated in SeqNo=155
L:6843 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:158
L:6843 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:158
L:7149 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:164
L:7149 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:164
L:7158 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:164
M:340 Repeated in SeqNo=164
L:7266 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:165
L:7266 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:165
L:7268 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:165
M:340 Repeated in SeqNo=165
L:7806 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:175
L:7806 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:175
L:7849 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:176
L:7849 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:176
L:7933 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:176
M:340 Repeated in SeqNo=176
L:8035 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:177
L:8035 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:177
L:8304 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:184
L:8304 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:184
L:8448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187
L:8464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:8480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189
L:8496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:8512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:8528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
L:8544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193
L:8560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:8598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197
L:8663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/729,674DATE: 03/13/2001
TIME: 16:09:10Input Set : N:\paola\09729674.txt
Output Set: N:\CRF3\03132001\I729674.raw

L:8679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:200
L:8695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201
L:8711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:202
L:8727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
L:8743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204
L:8759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205
L:8775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:8791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207
L:8818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209
L:8834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210
L:8850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211
L:8888 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214
L:8904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215
L:8920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216
L:8936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:217
L:8952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218
L:8968 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:219
L:8984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220
L:9000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221
L:9016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222
L:9032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223
L:9048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:224
L:9064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225
L:9080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226
L:9096 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:227
L:9112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228
L:9128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229
L:9144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:230
L:9160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231
L:9176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:232
L:9192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233
L:9208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234
L:9246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237
L:9262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238
L:9278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239
L:9294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240
L:9310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241
L:9326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242
L:9342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243
L:9369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245
L:9844 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:275
L:9844 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:275